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The ***FEMP MONTHLY UPDATE*** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the ***UPDATE*** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The ***FEMP MONTHLY UPDATE*** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

DOE BULLETIN BOARD

Don't forget to register for Energy 2001! The FEMP-sponsored conference is scheduled for June 3-6 in Kansas City, Missouri. DOD and GSA are cosponsors, and hotel rooms are filling up fast. For more information, see www.energy2001.ee.doe.gov.

Short Term Energy Outlook, January 2001, Energy Information Administration.

According to EIA, average spring and summer fuel prices are expected to remain about \$1.49 per gallon, the second highest summer average. The highest summer average price was last summer at \$1.53 per gallon. U.S. crude and gasoline inventories are low, increasing the chances of price volatility this summer. Underground storage levels of natural gas reached their lowest recorded levels at the end of this year's heating season. EIA predicts that the summer demand for electricity will increase at a slower rate than last summer based on predictions for lower summer temperatures and a slowing rate of growth in the economy. However, any increase in growth may strain power resources and increase the possibility for power supply problems this summer.

FEMP has issued a call for nominations for the Federal Energy and Water Management Awards. Awardees will be recognized as outstanding Federal employees or contributors who have contributed to energy or water efficiency through conservation or by using renewable resources. Detailed criteria and guidelines for submitting nominations are available at www.eren.doe.gov/femp/prodtech/awards/awards_prog.html.

DOE, the EPA, and the Center for Resource Solutions are soliciting nominations for the first Green Power Leadership Awards. The awards are for those who purchase renewable energy. More information and nomination forms are available at www.eren.doe.gov/greenpower/conference/0301a_wards.html.

CONGRESSIONAL ACTIVITIES

STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP

House

No legislation of interest to FEMP.

Senate

S.388 and 389 – National Energy Security Act of 2001 – The bill, which was introduced by Frank Murkowski (R/AK), Chairman of the Committee on Energy and Natural Resources, is expected to reach the Senate floor for consideration by July 4. To date, hearings have been held on the bill and on a range of related energy issues including the California energy situation. A committee mark-up has yet to be scheduled.

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NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

- See [Attachment A](#) – New Legislation of Interest to FEMP

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HEARINGS OF INTEREST OF FEMP

- See [Attachment B](#) – Hearings of Interest to FEMP

House

Alternative Fuels – On April 25, the Subcommittee on Agriculture, Rural Development, and Food and Drug Administration (Committee on Appropriations) held a hearing to examine domestic energy supply and demand issues and their impact on the agriculture sector. Secretary of Agriculture Ann Veneman testified before the panel and expressed her support for the development of alternative fuels from farm products. She told the subcommittee that “alternative uses for agricultural products are very important, and I strongly support ethanol and other alternative

Secretary Abraham announced new regulations for clothes washers and water heaters. DOE expects the average customer to save \$165 per month on utility bills because of the new standards. (Source: DOE Press Release, April 12, 2001)

DOE is set to propose a 20 percent increase in efficiency standards for residential air conditioning and heat pumps. The standard is lower than the rule proposed in the final days of the Clinton Administration, which Secretary Abraham stated “placed too high a cost burden on consumers.” (Source: DOE Press Release, April 13, 2001)

The Federal Energy Management Advisory Committee (FEMAC) held its third meeting on April 17-18 in Washington, DC. FEMAC was established in June 1999 under *E.O. 13123* to provide public and private sector input on achieving new energy efficiency goals for Federal facilities. Among the topics discussed at the April meeting were EERE’s Fiscal Year 2002 budget request, DOE’s Departmental Energy Management Program, FEMP’s Hawaii and Philippines Energy Management Programs, EERE research and technology at the National Laboratories, legislative highlights, and selected FEMP activities. **The next FEMAC meeting will be held on June 4, in Kansas City, Missouri at Energy 2001. Energy 2001 participants and other interested parties are encouraged to join FEMAC’s meeting discussion. See related article in the Meetings, Conferences, and Training Workshops section.**

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fuels.” The subcommittee has demonstrated bipartisan support for the development of products using corn, soy, and waste products to develop ethanol, biomass, and other fuel sources. Secretary Veneman said her department would support an increase in research in this area through the award of loans and grants

Senate

West Coast Gasoline Prices – On April 25, the Subcommittee on Consumer Affairs, Foreign Commerce, and Tourism (Committee on Commerce, Science, and Transportation) held a hearing to examine the cost of gasoline sold on the West Coast and to compare these costs with those in other regions of the United States. Conrad Burns (R/MT) chairs the subcommittee. Testimony was received from Robert Pitofsky, Chairman of the Federal Trade Commission; Senator Frank Murkowski (R/AK), Chairman of the Committee on Energy and Natural Resources; and representatives from the Energy Information Administration and the General Accounting Office. Chairman Pitofsky testified that the FTC has collected evidence that at least one company sold Alaskan oil at a low price to an Asian country; this action resulted in a rise in the cost of West Coast gasoline. He also said that environmental regulations contribute to rising costs. The agency is currently investigating possible manipulation of gasoline prices and is expected to release a final report in one month. Senator Murkowski told the subcommittee that drilling in the Arctic National Wildlife Refuge would relieve fuel supply problems. He also said that gasoline prices in the West have been historically higher than any other region of the country.

Alternative Fuels – The Senate also examined the potential for agriculture-based sources of fuel. The Subcommittee on Agriculture, Rural Development, and Food and Drug Administration (Committee on Appropriations) received testimony from Secretary Veneman. In response to questioning, she told members that Vice President Cheney’s Energy Task Force would include a section in its report on the production of new sources of fuel to address energy supply needs.

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FEDERAL AGENCY **ACTIVITIES**

WHITE HOUSE

Political Appointments

Department of Energy, General Counsel – *Lee Sarah Liberman Otis* – On April 26, President Bush sent this nomination to the Senate.

Department of Energy, Chief Financial Officer – *Bruce Marshall Carnes* – On April 23, President Bush sent this nomination to the Senate.

DEPARTMENT OF DEFENSE

The U.S. Army Communications-Electronics Command Acquisition Center is seeking a contractor to design, fabricate, and test ten prototype large capacity field heaters to replace out-of-date units. The new technology will operate on JP8 and diesel fuels, produce 350,000 btus per hour, and generate clean, heated air. Desired benefits include improved efficiency with reliability, mobility, diagnostics, noise, and safety. For additional information, consult Peggy Butler at 703-325-4994; refer to Solicitation Number DAAB15-01-R-1012 LCFH.

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DEPARTMENT OF ENERGY

One of the Department's contractors, Bechtel BWXT Idaho, has developed a new technology to enhance heat transfer from finned tubes of air-cooled heat exchangers and condensers for use in HVAC systems, process industries, and geo-thermal power plants. Specific applications include heat pump condensers and evaporators, heating coils, waste-heat recovery systems, automotive cooling, and refrigerated trucks, among other applications. The contractor is seeking industry partners to assist in the testing and commercialization of the technology. For more information, contact Sandeep Agarwal at 208-526-3831 and refer to Solicitation Number S-5.

On April 27, the Office of Energy Efficiency and Renewable Energy's Golden Field Office announced in the *Federal Register* a **competitive solicitation for applied research, development, and demonstration of technologies for buildings, combined heat and power and distributed power, the State Industries of the Future initiative, and the transportation sector.** State agencies are eligible. DOE estimates that \$6 million in funding will be provided to support six to ten projects for Fiscal Year 2001. For additional information, refer to the Golden Field Office web site at www.golden.doe.gov. Pre-application proposals of not more than two pages are due by May 4, 2001.

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DEPARTMENT OF TRANSPORTATION

On April 2, the Department of Transportation announced in the *Federal Register* the **final rule for the Light Truck Average Fuel Economy Standard for Model Year 2003**. The rule states that the standard for Model Year 2003 is identical to Model Year 2002, which is 20.7 miles per gallon. For more information including legislative authority for this action, refer to the *Federal Register*, April 2, 2001, page 17513-17516.

OTHER AGENCIES

The USDA has given the go-ahead to four biomass energy projects. Iowa farmers and energy companies will begin co-firing biomass with coal. Minnesota farmers will grow poplar trees for power generation. New York will grow switchgrass and other biomass for cofiring. And the Pennsylvania Switchgrass Energy and Conservation Project will grow switchgrass for sale to a local cooperation that will cofire it with coal. (Source: *Greenwire*, April 2, 2001)

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ATLANTA REGION

No activities of interest to FEMP.

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BOSTON REGION

No activities of interest to FEMP.

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CHICAGO REGION

No activities of interest to FEMP.

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DENVER REGION

No activities of interest to FEMP.

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PHILADELPHIA REGION

Utility/DSM Activities

The Naval Facilities Engineering Command, Atlantic Division plans to conduct economic analyses of alternatives and estimated utilities impacts for various Naval administrative and training facilities located in Maryland, Virginia, and West Virginia. A variety of tasks will be performed and may include the conducting of energy computations. Two solicitations for contractor support have been issued:

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SEATTLE REGION

Solar and Renewable Energy Projects

The Northwest's largest solar power station will be opened in Richland, Washington. Bonneville Power Administration, Energy Northwest, and the Bonneville Environmental Foundation are combining efforts to build the 35-50 kW facility at the site of a closed nuclear reactor. (Source: *Environmental News Service*, April 23, 2001)

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STATE AND LOCAL GOVERNMENT ACTIVITIES

ATLANTA REGION

► *Status of Utility-Related Activities*

The Florida legislature has killed the chance for an electric restructuring bill this year. The legislature found that current proposals do not reflect consumer interests; Walter Campbell, Chairman of the Regulated Industries Committee in the House, noted "We are going to take this slow and make sure customers are protected." (Source: *Electricity Daily*, March 29, 2001 and *South Florida Sun-Sentinel*, March 16, 2001)

The Arkansas legislature is considering a measure that would allow industrial customers to have electric choice before residential customers begin their choice in October, 2003. Large industrial customers support the bill, but utilities are hesitant, noting "We're reluctant to support anything that speeds up competition for any particular customer group." If the measure goes through, it would give the Public Service Commission significant leverage in implementing restructuring. (Source: *The Arkansas Democrat-Gazette*, March 30, 2001)

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BOSTON REGION

► *General State Activities*

The State of Massachusetts unveiled its largest investment in renewable energy sources in March, providing \$47 million for projects from wind power to high tech fuel cells research. (Source: *The Boston Globe*, March 15, 2001)

The New York Energy Research and Development Administration (NYSERDA) announced that the agency has partnered with the ENERNET Corporation of Dewitt, New York, to develop a simplified programmable thermostat. The technology will be programmed by voice recognition commands as opposed to the traditional use of buttons. The unit is being designed for residential use and is expected to reduce energy use and expenditures by 10 to 30 percent. (Source: NYSERDA Press Release, March 7, 2001).

► *Status of Utility-Related Activities*

The State of Connecticut is reconsidering its electric restructuring law. A working group was formed to scrutinize deregulation in California, offer recommendations to the Senate Energy and Technology Committee and “incorporate any lessons learned from California into the restructuring law.” House Representatives and Senators feel that pricing will skyrocket after regulatory price caps are lifted in 2003 as required by the present law. The focus group will also determine if billing services and metering should be deregulated. (Source: *The Day*, April 6, 2001)

New York electric customers could be hit with soaring energy prices if no policy action is taken to protect utilities in the state. The New York State Electric and Gas Corporation (NYSEG) criticized the New York ISO for recommending that 8,600 megawatts of new power go online, claiming “NYISO’s recommendations cannot be implemented in time to protect consumers and the upstate economy from the irrational price volatility that is impacting other areas of New York and the country.” NYSEG has also asked the Public Service Commission to freeze their prices and that power plant siting be reduced from one year to six months. The NYISO alleges that energy prices could increase by 46 percent by the summer of 2005. (Source: *Times Union*, April 6, 2001, *Greenwire*, April 18, 2001)

Vermont has saved \$17.7 million in energy costs through its Efficiency Vermont program. The program is the “nation’s first statewide energy efficiency utility that pools the rate-payer dollars set aside from utility electric bills and uses them to provide citizens with a statewide array of efficiency services.” It saved 23,335 megawatt-hours of electricity while providing electricity at 2.6 cents per hour, while other states are offering 5.2 cents per kilowatt hour. The first year report noted that the program has reduced carbon dioxide emissions by an amount equivalent to taking 2,100 cars off the road. For further information on the Efficiency Vermont program, visit www.efficiencyvermont.com.

Vermont is also considering a tax on energy consumption to reduce pollution after a focus group determined that replacing “existing state taxes on property, merchandise sales and other goods and services” would “reduce air pollution, enhance economic activity, and promote tax fairness.” The proposed pollution tax also includes a tax deduction of up to \$3,000 for consumers who buy cleaner cars. The bill is still being drafted, but preliminary provisions can be found on the Governor’s website at www.state.vt.us/governor.

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CHICAGO REGION

► *General State Activities*

Chicago may be subject to a new energy code proposed by Mayor Richard Daley (D) that would mandate a 10 to 20 percent increase in energy efficiency. Builders would be responsible for installing energy-efficient windows and insulating floors, walls, and roofs. (Source: *Greenwire*, March 8, 2001)

The State of Michigan offered five builders grants to incorporate the latest technology to reduce energy costs and consumption in homes. The Five Star Home Grants include \$8,000 in funding for passive solar design, steel construction for interior partitions, and computer controlled lighting, among other technologies. The director of the Michigan Department of Consumer and Industry Services, the grantor, noted that “Builders and consumers are becoming increasingly interested in energy efficient products with each year we present these grants. Energy efficient products often pay for themselves and then some with the money they save in future utility bills.” (Source: *PR Newswire*, March 1, 2001)

The State of Minnesota is considering two bills that offer a tax exemption for geothermal heating and cooling systems implemented by December 31, 2001. Geothermal systems customers would receive a tax credit equal to the amount paid in excess of a traditional heating or cooling system. The bills were

referred to the Senate Committee on Taxes at the beginning of the month of April. (Source: Minnesotans for an Energy Efficient Economy, April 9, 2001)

The Ohio Consumers' Counsel (OCC) has compiled a list of natural gas public benefits programs available to Ohioans. The Home Energy Assistance program helps low-income customers at or below 50 percent poverty. Project Temporary Heating Assistance For Warmth (THAW) provides customers a one time heating benefit of \$250. The Percentage of Income Payment Plan (PIPP) programs offers an extended payment arrangement for low income customers. Local gas companies also have programs. HeatShare, subsidized by the Salvation Army, provides up to \$150 in support payments for those residents at or below 150 percent of the poverty line. Dominion East Ohio provides money toward the "People Helping People Fuel Fund" wherein the utility has dropped the low income requirement and can now offer \$175 in customer need-based assistance. For information on other Ohio Consumers' Counsel programs, contact OCC at 1-877-PICK OCC.

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DENVER REGION

► *General State Activities*

Senate Natural Resources Committee Chairman Buster Brown and Texas Natural Resource Conservation Commission Commissioner Ralph Marquez held the **first public demonstration of a fuel cell** in Austin, Texas. Phase One focused on public clean air demonstrations, and Phase Two will exhibit "reformer" technology that converts any hydrogen fuel into electricity. Private research corporations, energy conservation offices, and other technology groups combined efforts to launch the demonstration. For more information on the fuel cell partnership, contact Ken Zarker at 512.239.3145. (Source: *PR Newswire*, April 5, 2001)

Montana Governor Judy Martz (R) mandated state agencies to reduce energy consumption by 10 percent. (Source: *Greenwire*, April 2, 2001)

A Nevada Senate committee expressed interest in requiring two utilities to buy five percent of their energy from renewable sources by 2002. This effort, part of the goal of a renewable portfolio standard, was heavily supported. (Source: *Greenwire*, April 2, 2001)

The State of Texas has implemented its new Renewable Energy Credit program infrastructure through the Electric Reliability Council of Texas (ERCOT). ERCOT will use the system to track utility and generator compliance. The Renewable Energy Credit program hopes to increase renewable energy 2,000 megawatts by 2009. The system can be accessed by members at www.texasrenewables.com. (Source: *Business Wire*, April 19, 2001)

► *Status of Utility-Related Activities*

The Nevada State Legislature passed a law that repeals electricity deregulation in the state, places a moratorium on power plant sales, and helps protect consumers from potential rate hikes this summer. Assuring utilities that they will remain credit worthy, legislators and Governor Kenny Guinn (R) mandated rates stay at the April 1, 2001, level. Next year, rates will be adjusted to reflect any shifts in wholesale prices. (Source: *PR Newswire*, April 18, 2001)

The Arizona Public Service Company (APS) announced its capacity to generate 1 megawatt of solar power, enough to serve 1,000 homes. APS hopes to double its solar production by the end of this year. (Source: *The Arizona Republic*, April 12, 2001)

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PHILADELPHIA REGION

► *General State Activities*

Virginia is continuing to push its \$30 million retail electricity choice consumer education program. The effort has culminated in a series of print advertisements, radio and television ads, and a call center that receives over 20,000 calls per month. The State Corporation Commission will also hold focus groups to discuss retail choice and will distribute surveys. Virginia customers are eligible to shop for electricity on January 1, 2002. (Source: *The Virginian-Pilot*, April 6, 2001)

The State of New Jersey has created a statewide, uniform program wherein all utilities participate in fuel cell, photovoltaic, and wind initiatives through home construction, low-income assistance, and commercial and industrial construction ventures. New Jersey is coordinating all investor-owned utilities to “deliver a comprehensive package of energy efficiency and renewable energy programs on a statewide basis.... This coordination will streamline processes, capitalize on economies of scale, and build on the diverse expertise and strengths of the different utilities implementing each of these programs.” For further information on the joint programs, see the New Jersey Clean Energy Website at www.njcleanenergy.com.

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SEATTLE REGION

► *General State Activities*

The Washington State Senate passed a bill that includes several provisions advocating energy conservation and renewable energy. The bill will require that utilities offer renewable power options to customers. Other provisions include: streamlining of the power plant siting process, pollution control tax breaks, \$1 tax credit for utilities for every \$2 they put into energy assistance programs, and mandatory energy audits for state and school district buildings. Energy conservation advocates, however, are disappointed with the bill. (Source: *Knight Ridder, Tribune Business News*, April 23, 2001)

The Orange County (California) Water District and three other municipal water agencies have joined forces to promote water efficiency programs in hotels and motels in the county. The sponsors offer free laminated cards suggesting that guests reuse their towels in order to save on cleaning costs. Free bilingual instructional videos advise housekeeping staff on energy efficiency. Seventy percent of the hotel and motel rooms in 28 cities are participating. Interest in the program has spread across the country, as chain hotels have already been participating in water-saving programs. (Source: *Business Wire*, April 10, 2001)

Testifying before the House Water and Power Subcommittee, **Steve Hall, Executive Director of the Association of California Water Agencies, called on Federal support for investments to upgrade California’s water infrastructure**, an infrastructure that pre-dates the Cold War. He claimed that if left untouched, breakdowns in water infrastructure will cause worse damage than the current energy crisis. He commented that “much of the uncertainty in the state’s current water supplies derives from national laws that have effectively reallocated water from human to environmental uses, such as the...Clean Water Act and the Endangered Species Act.” For the full testimony, see www.acwanet.com.

California Governor Gray Davis (D) signed an \$850 million energy conservation plan that he dubbed “the most aggressive, expensive conservation effort in America.” Twenty percent of the funds will be allocated toward subsidizing 25 percent of the poorest household’s utility bills, and \$120 million will provide subsidies for insulation, low-flow shower heads, and weather-stripping projects. Other programs offer \$35 million for larger businesses that use certain electricity meters, and \$50 million for a PUC rebate program for customers employing energy-efficient appliances. The legislation would reduce

California's energy demand by half the total megawatts originally needed for the summer. (Source: *Greenwire*, April 12, 2001)

California passed a bill that will increase the net metering size limit from 10 kilowatts to 1 megawatt. The bill goes into effect immediately. (Source: *PowerLight*, April 16, 2001)

Three California air quality districts received biomass-to-energy grants totaling over \$375,000 to increase the amount of agricultural biomass they convert to power. The initiative will improve air quality and increase the amount of renewable energy offered in each district. The Butte County Air Quality Management District, the Placer County Air Pollution Control District, and the San Joaquin Valley Unified Air Pollution Control district received the awards. The biomass initiative is especially lucrative in California because of its high quantities of waste matter from crop production, which can be effectively converted into energy. (Source: *Business Wire*, April 19, 2001)

► *Status of Utility-Related Activities*

In an interview with the Los Angeles Times in mid April, **California Governor Gray Davis said “California taxpayers will spend ‘not one penny’ on the state’s energy crisis because the billions of dollars the state has spent to buy electricity this year will be fully repaid by June 30.”** Davis charges the Federal Energy Regulatory Commission with turning a “deaf ear” to California’s problems and those of Oregon and Washington. Davis recently commissioned a new “energy czar,” Los Angeles Department of Water and Power Manager S. David Freeman. Mr. Freeman is respected by both Democrats and Republicans for his leadership in maintaining electric reliability and energy supply during recent price and supply shocks that have financially crippled the rest of California. Freeman stated that his role will be to “get people to understand that we have to conserve energy this summer.” (Source: *Greenwire*, April 16, 2001 and April 17, 2001)

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UTILITIES AND SUPPLIER ACTIVITIES

ATLANTA REGION

► *Public Benefits Programs*

Florida Power & Light now offers a BuildSmart program that will save new home owners between 10 and 30 percent in energy costs. Incorporating the energy saving features into each home will heighten the resale value of the home as well. For more information on the BuildSmart program, call 1-800-DIAL-FPL.

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BOSTON REGION

► *Restructuring Activities*

The New England Power Pool and Independent System Operator presented a plan that would reduce power consumption by 300-600 megawatts each day, essentially paying large consumers to reduce demand. Analysts are certain New England will have enough power to prevent blackouts this summer, and the plan is geared toward reducing price volatility. Added benefits of the program include reduced air pollution and amount of required reserve capacity. (Source: *Greenwire*, March 28, 2001)

CHICAGO REGION

No new activity of interest to FEMP.

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DENVER REGION

► *Restructuring Activities*

The Public Utility Commission of Nevada expressed interest in a proposed \$266 to \$281 million price tag on power plan divestiture. Susan Tierney, former Commissioner of the Massachusetts PUC, explained to the commission that “an across the board moratorium on divestiture would increase Nevada Power’s costs, and raise potential market-power concerns, institutional risk and uncertainty, equity concerns, procedural concerns, and diverse regulatory implications.” She felt that divestiture would minimize market power. To read more of Dr. Tierney’s remarks, visit www.epsa.org.

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PHILADELPHIA REGION

► *Restructuring Activities*

In its third year of existence, Con Edison recently enrolled its 100,000th customer in the retail electric choice program in New York, giving it the prestige of being one of the largest retail choice programs in the country. Customers may obtain a list of participating energy services companies through the Con Edison website at www.coned.com/athome/athome.asp, or call the New York State Department of Public Service at (888) 275.7721.

► *Public Benefits Programs*

PECO Energy Company will begin offering wind power to its southeastern Pennsylvania customers. PECO notes that the wind power will be offered at a rate just above traditional power rates. Two wind farms will provide energy for the program. Somerset Windpower will produce 25,000 megawatt-hours and serve 3,000 customers. The venture will be partially funded by Pennsylvania’s regional sustainable energy funds, created by the state’s restructuring legislation. (Source: *Reuters*, April 23, 2001)

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SEATTLE REGION

► *Restructuring Activities*

InterGen, a power generation company, will build the first gas-fired generating plants to be licensed under Governor Gray Davis’ Executive Order expediting power plant construction. One plant will be located in San Diego and the other in Palm Springs. Their total output will power 250,000 homes. The Wildflower Energy project manager noted that “there were no short-cuts in

terms of public and environmental considerations.” InterGen hopes to begin construction immediately and have the plants online by September 30, 2001. (Source: *Business Wire*, April 4, 2001)

Southern California Edison (SCE) and Governor Gray Davis (D) signed a memorandum of understanding that the state would purchase the company’s transmission lines for \$2.76 billion. In return, SCE will be required to sell low-cost power to the state for the next ten years. This came after Pacific Gas & Electric “walked away” from the negotiations table and filed for Chapter 11 bankruptcy protection. Although Governor Davis will most likely offer PG&E the same deal, PG&E has not expressed interest in selling its transmission lines. Governor Davis felt that the purchase of the utilities transmission lines would allow the state to finance necessary upgrades and expansions. Governor Davis will approach San Diego Gas & Electric with the same deal. (Source: *Wall Street Journal*, April 10, 2001, and *Associated Press*, April 9, 2001)

The Bonneville Power Administration issued a warning to customers that it must increase its rates by 250 percent on October 1 unless they reduce their consumption within the next two months. Supply shortages are due to a long-running drought and the fact that Bonneville engaged more contract obligations for power than it has. (Source: *EnergyOnline Daily News*, April 10, 2001)

The Bonneville Power Administration and the Grant County Public Utility District are offering \$475 per acre to farmers to keep their fields fallow this season; 75,000 to 550,000 acres in the Columbia Basin will be eligible for the program. **BPA could generate an additional 60 to 100 megawatts of power from water saved during the prime irrigation season.** The Public Utility District is also offering a water buyback program, the balance of which will be available to customers with greater demand. (Source: *Electricity Daily*, March 26, 2001)

The Bonneville Power Administration, in concert with other Northwest utilities, have initiated an energy conservation program through disbursement of \$6 discounts on energy efficient compact fluorescent light bulbs. The program has the potential to save between one and four megawatts of energy for the region, and the bulbs have a longer life potential than incandescent bulbs. To date, 30 utilities are actively participating in the program, and after a brief trial period dozens more are expected to sign up. (Source: *Electricity Daily*, April 13, 2001)

Alternative generators are opting out of contracts with traditional electricity suppliers and could put themselves on the open market. CalEnergy Operating Corp. won a ruling against Southern California Edison because the utility defaulted on \$140 million in payments to the small alternative fuel generator. Vincent Signoretti of CalEnergy Operating Corp. noted that other alternative fuel providers “might use the litigation as a template for their own legal action” to break away from contracts to sell their electricity to Southern California Edison and PG&E. After the legal action, CalEnergy moved its geothermal power to El Paso Merchant Energy. Officials in California believe that nearly 3,000 MW of generation is “offline for nonpayment.” (Source: *Reuters*, March 23, 2001)

► **Public Benefits Programs**

The Center For Resource Solutions has assumed lead organizational responsibility and management of a **group of municipal utilities organized to promote renewable energy and electricity competitiveness in California.** The Public Power Renewable Energy Action Team (PPREAT) will work to aggregate demand for renewable energy among public power utilities, move renewable energy into mainstream power planning processes, leverage Federal and state renewable energy project development technical assistance, and develop a replicable model for joint-ownership of renewable energy projects, among other objectives. For more information on PPREAT, visit www.resource-solutions.org.

The Los Angeles Metropolitan Water district and other local utilities are sponsoring a rebate program for water efficiency retrofit projects implemented by businesses and other industrial consumers. Steve Arakawa, Manager of Water Resources Management at Metropolitan, noted that “good water-conservation practices translate into significant energy savings for the entire region.” The program includes rebates of \$500 for installing new cooling tower conductivity controllers, \$100 for water and energy saving clothes washers, and \$60 for retrofitting urinals and toilets. In sum, businesses can save up to \$154 per acre foot of water saved through system upgrades. For further information, call (877) SAV-A-BUC.

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ALTERNATIVE FUELS AND VEHICLES

GENERAL ANNOUNCEMENTS

According to the American Public Transportation Association, ridership of public transportation in the U.S. increased 3.5 percent last year from 1999 levels. The heavy rail sector showed the largest percentage increase at 7.56 percent. Los Angeles County accounted for most of the increase in heavy rail ridership, due to the opening of an extension line by the Los Angeles Metropolitan Transportation Authority. Bus ridership increased an average of 1.5 percent in 2000, with many smaller bus systems increasing over 15 percent. For additional information visit www.apta.com.

WestStart, California’s advanced transportation technology consortium, has announced the winners of its annual WestStart Blue Sky award. The award recognizes leadership and contributions in sustainable transportation. The 2000 Blue Sky Award winners are Pickens Fuel Corporation and Ed Huestis, the Transportation Systems Manager for the City of Vacaville, for his role in making the city the most “EV friendly” city in Northern California. The South Coast Air Quality Management District was awarded the 2000 Charles R. Imbrecht Blue Sky Innovation Award. The 2000 Blue Sky Merit Award was awarded to IMPCO Technologies, Enova Systems, and the Southern California Edison Electric Vehicle fleet. The Blue Sky Award judging committee was composed of representatives of the Coalition for Clean Air, the Natural Resources Defense Council, the Union of Concerned Scientists, the American Lung Association, and members of the WestStart staff. (Source: www.calstart.com)

Ford Motor Company has sided with environmentalists in support of tax credit proposals for gas-electric hybrid vehicles. Congress has proposed tax credits as high as \$5,000 to boost demand for gas-electric hybrid vehicles. Ford Motor Company is in favor of providing tax credits to hybrid vehicles that are designed to achieve higher fuel efficiency. General Motors and Daimler-Chrysler would like the tax credits to apply to any hybrid, even if the hybrid propulsion is used to boost power rather than fuel efficiency. (Source: *GreenWire*, March 29, 2001; *CALSTART News Notes*, March 29, 2001)

Air Surrey Natural Gas Vehicles, Inc., has expanded its “Slash Fuel Costs” web-based worksheet to include emission reduction calculations. **Entitled “Slash Fuel Costs and Air Pollution,” this worksheet allows users to calculate the fuel cost savings and emission reductions attained when using compressed natural gas instead of gasoline, diesel fuel, E85 ethanol, or propane (LPG) over the lifetime of the vehicle.** For more information visit www.airsurrey.com.

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ATLANTA REGION

In a meeting in Atlanta on April 10 and 11, the Propane Education and Research Council approved almost \$1.2 million in research and development projects, \$930,000 in safety and training

initiatives, and \$860,000 in state rebate programs. Preliminary approval was also given for a propane airport demonstration initiative that promotes the use of propane-powered airside vehicles at various U.S. airports. For more information visit the Propane Council and Research Council website at www.propanecouncil.org.

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BOSTON REGION

AFV Fleet Acquisitions

New York State has purchased 300 Toyota Prius hybrid-electric vehicles, including 321 for New York City agencies and 56 for the state-run Metropolitan Transit Authority. (Source: CALSTART News Notes, April 11, 2001)

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CHICAGO REGION

The Transit Authority of Cedar Rapids, Iowa, has decided to power its fleet of over 60 buses with B20, a biodiesel blend composed of 20 percent biodiesel and 80 percent petroleum diesel. Any diesel engine can be powered by biodiesel; modifications to the engine are not required. (Source: www.ccities.doe.gov/whats_new.shtml)

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DENVER REGION

No new activities of interest to FEMP.

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PHILADELPHIA REGION

No new activities of interest to FEMP.

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SEATTLE REGION

On April 19th, the United States Postal Service (USPS) dedicated the largest zero emissions fleet in the U.S. at the California State Capitol Building. USPS currently has 30,000 alternative fueled vehicles and has plans to acquire 500 additional electric vehicles. (Source: CALSTART News Notes, April 17, 2001)

On March 26, ExxonMobil announced that the company has joined the California Fuel Cell Partnership. The California Fuel Partnership began in April 1999 to demonstrate and pave the way for commercialization of fuel-cell vehicles in California. The partnership includes auto manufacturers,

energy providers, fuel cell companies, and governmental agencies. (Source: *CALSTART News Notes*, March 26, 2001)

AFV Infrastructure

The Oregon Air National Guard in Klamath Falls plans to construct a natural gas fueling station. The facility will also include main vehicle maintenance bays and a covered wash rack. For additional information, contact Jerry Fuls at 503-945-3929 and refer to Solicitation Number DAHA35-01-R-0003.

AFV Fleet Acquisitions

The South Coast Air Quality Management District (SCAQMD) voted to adopt a rule requiring school bus fleets with 15 or more buses to switch to alternative fuels. Acceptable fuels include compressed natural gas, liquefied natural gas, propane, electricity and other clean fuels. "Green diesel" does not qualify. Last month, the Los Angeles Board of Education voted in favor of the proposal to phase out diesel engines from its bus fleet. (Source: *CALSTART News Notes*, April 23, 2001)

The City of Los Angeles has started a new pilot program to allow drivers of "super ultra low emission" vehicles, known as SULEVs, to park for free in metered parking spaces. The Los Angeles Department of Transportation will issue decals to identify qualifying vehicles. Parking spaces located at Los Angeles International airport or in adjacent communities are not included in the exemption. (Source: *CALSTART News Notes*, April 3, 2001.)

The San Francisco Municipal Railway system began a six-month program to test a total of four alternative fueled buses, including two compressed natural gas vehicles and two electric diesel hybrids. The agency will introduce alternative fueled buses into its fleet if the pilot program is successful. (Source: *GreenWire*, March 22, 2001; *San Francisco Chronicle*, March 20, 2001)

New Products and Services

Capstone Turbine Corporation announced that its 30 kilowatt diesel-powered MicroTurbine has been certified for use in commercial electric vehicles. Certified by the California Air Resources Board (CARB), the turbine, when powered with No. 2 diesel, emits 75 percent less nitrogen oxide emissions than the lowest emitting CARB-certified heavy-duty No. 2 diesel engine. (Source: *CALSTART News Notes*, March 21, 2001; *Green Energy News*, Week of March 18, 2001)

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ENERGY MANAGEMENT TOOLS AND TECHNOLOGY

➤ See also [Attachment C](#), *New Technologies*.

SOFTWARE AND TECHNICAL ASSISTANCE TOOLS

DOE has released a new software package to reduce building energy use. The program allows architects and other buildings officials to maximize energy efficiency by simulating the way a building uses energy. The EnergyPlus program is a follow-up to DOE's earlier software, which is credited with saving \$20 billion. For more information, contact Chris Kielich at 202-586-5806.

Energy Saving Now has kicked off a new web site for energy efficiency in building construction. The site purports to offer new insights and design principles capable of 30-70 percent energy savings without compromising comfort. The web site is at www.energysavingnow.com.

Home Depot has launched a new web site for energy efficiency. The practical advice offered was spurred on by impending summer cooling costs. They range from more efficient lighting and fixtures to purely behavioral remedies like taking shorter showers. The site is at www.homedepot.com/energy.

Silicon Energy of California has launched an online energy cost calculator to help customers avoid high summer energy costs. The program uses the rates the California Public Utility Commission has published. To use the program, go to www.siliconenergy.com.

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NEW AND EMERGING TECHNOLOGIES

Texas Instruments has introduced a new circuit for low power computers. The circuit is the first to allow computers to switch from AC to back-up battery power without first hitting the “reset” button and possibly losing valuable work. For more information, see www.ti.com.

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ENERGY MANAGEMENT SERVICES

Florida Power and Light has initiated a new program to support the construction of energy efficient buildings. BuildSmart provides recommendations for customers to lower electric use and electric bills. Florida Power and Light customers are invited to visit www.fpl.com or call 1-800-DIAL-FPL for more information.

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MEETINGS, CONFERENCES, AND TRAINING WORKSHOPS

- Refer to [Attachment D](#) – Calendar of Upcoming Events.

GENERAL ANNOUNCEMENTS

The Association of Energy Engineers is hosting a training course, “Fundamentals of Buying and Selling Energy,” in various locations this summer. San Diego will host the May 7-9 version, and New York will host the June 6-8 edition. The course is designed to help participants take the Certified Energy Procurement Professional exam. For more information, see www.aeecenter.org.

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ATLANTA REGION

The Georgia Conservancy will host a symposium on water management in Atlanta on May 4. “Georgia’s Growing Thirst” will compare what other state and local governments are doing to conserve and manage water resources. For more information, see www.georgiaconservancy.com.

Duke Energy and NGI Intelligence Press, Inc., are sponsoring “GasMart Power 2001” in Tampa, Florida, on May 9-11. Topics will include new natural gas supplies, the Mexican market, future gas supplies, pipeline transportation, impact of gas prices, e-trading, and energy politics. For more information, see www.gasmart.com.

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BOSTON REGION

DOE is sponsoring “The 2001 National Workshop on State Building Energy Codes” in Burlington, Vermont, on July 16-19. Attendees will learn about a number of standards and energy codes and have the opportunity to network with other industry stakeholders. For more information, go to www.eren.doe.gov/buildings/codes_standards/buildings/2001natl_workshop.html.

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CHICAGO REGION

The Federal Energy Management Advisory Committee (FEMAC) will conduct a discussion meeting in conjunction with *Energy 2001*. FEMAC members invite interested participants to join in a discussion with FEMAC members and FEMP officials and to listen to new recommendations for enhancing Federal energy management activities. No registration is required. The meeting will be held during two sessions on Monday, June 4 in the Explorers Meeting Room of the Hyatt Regency Crown Center, in Kansas City, Missouri. The first session is scheduled from 1:30 pm to 2:30 pm, and the second session from 6:00 pm to 7:00 pm.

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DENVER REGION

No new meetings.

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PHILADELPHIA REGION

The American Wind Energy Association, along with DOE, is presenting “Windpower 2001” on June 3-7 in Washington, DC. The meeting is designed for wind industry representatives to educate Federal legislators about the industry and to encourage pro-wind legislation. For more information, see www.awea.org/conference.

The American Public Power Association is holding their national conference in Washington, DC, on June 18-20. In attendance will be over 2200 utility executives, local elected officials, utility board members, and guests. Topics will include the American political scene, industry restructuring pros and cons, and industry leadership. For more information, go to www.appanet.org.

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SEATTLE REGION

The American Gas Cooling Center is sponsoring a workshop for integrated cooling systems for buildings on May 8. Attendees will learn how to use natural gas for cooling and humidity control. Held in conjunction with the West Coast Energy Management Congress (information at www.aeecenter.org;

covered in the December 2000 edition of *FEMP Monthly Update*), the conference will be held in San Diego. For more information, see www.agcc.org.

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INTERNATIONAL

DOE and the EPA are co-sponsoring the Second International Combined Heat and Power Symposium in Amsterdam, the Netherlands. The May 9-10 program will cover cogeneration and climate change, Combined heat and power and distributed energy resources around the world, emissions trading, and several case studies. For more information or to register, go to www.2ndchpsymposium.com.

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STUDIES, REPORTS, AND ANALYSES

ENERGY AND WATER CONSERVATION

1999 Drinking Water Infrastructure Needs Survey, Environmental Protection Agency, February 2001.

The EPA estimates that the Nation needs to spend \$150.9 billion over two decades on its drinking water infrastructure. The report breaks the costs down by categories. For more information, go to www.epa.gov.

Energy-Efficient Motor Systems: A Handbook on Technology, Programs, and Policy Opportunities, 2nd edition, Steven Nadel et al., 2001.

This updated edition from the American Council for an Energy-Efficient Economy examines how to **improve motor and motor system efficiency**. For ordering information, go to www.aceee.org.

Guide to Energy-Efficient Commercial Equipment, 2nd edition, Margaret Suozzo et al., 2001.

This updated edition, also from the American Council for an Energy-Efficient Economy, addresses how **facility managers can save money in heating, cooling, lighting**, and other commercial uses of energy. For ordering information, go to www.aceee.org.

Approaching Commercial Sector Market Transformation by Market Segment: Opportunities in Existing Offices, Jennifer Thorne, 2001.

The report “provides background on the **opportunities for market transformation** initiatives targeting existing private sector office buildings.” For ordering information, go to www.aceee.org.

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SOLAR AND RENEWABLE ENERGY

***Renewable Energy 2000: Issues and Trends*, Energy Information Administration, 2001.**

The newest edition covers four topics: government incentives, mandates, and programs; PV industry trends; environmental regulations and waste combustion facility costs; and wind energy developments. Order print copies at 202-586-8800, or download the report at www.eia.doe.gov/emeu/plugs/rnew2000.html.

***Inventory of State Incentives for Wind Energy in the U.S.*, American Wind Energy Association, March 2001.**

The AWEA points to **Texas as the leader in encouraging wind power development**. The critical characteristics of legislation supporting wind energy are listed as:

- ▶ set the requirement high enough to trigger market growth
- ▶ make the requirement apply to all electricity providers
- ▶ base proof of compliance on tradable renewable energy credits
- ▶ set penalties for non-compliance

For a copy of the full report, go to www.awea.org.

***Blending Wind and Solar into the Diesel Generator Market*, Renewable Energy Policy Project, February 2001.**

The report claims that **diesel generators are a significant source of pollution** and recommends the use of renewable energy sources as an alternative. To read the entire report, go to www.repp.org.

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UTILITY-RELATED ISSUES

***Bulk Power Outlook*, ICF Consulting, April 2001.**

The study concludes that **U.S. wholesale power markets are at a turning point**, with new power plant construction expected to meet demand in one to three years. For more information or to obtain a copy, call Judah Rose at 703-934-3342 or Elizabeth Kaiga at 703-934-3497.

***A Revised 50-State Status Report on Electric Restructuring and Public Benefits*, American Council for an Energy-Efficient Economy, April 2001.**

The report reviews the **status of electricity market restructuring in the U.S.** DOE supported the report with a grant from the Office of Energy Efficiency and Renewable Energy. It is available for a fee at www.aceee.org.

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MISCELLANEOUS

***Federal Buildings, Funding Repairs and Alterations Has Been a Challenge – Expanded Financing Tools Needed*, General Accounting Office, April 2001.**

This report was prepared in response to a request by the Chairman, Steven LaTourette (R/OH), and the Ranking Member, Jerry Costello (D/IL), of the House Subcommittee on Economic Development, Public Buildings, and Energy Management (Committee on Transportation and Infrastructure). The authors examined the Repairs and Alterations program of the General Services Administration for Fiscal Year 2001 in which 27 priorities were established. However, GSA was able to complete only 12 of the 27 priority projects as a result of funding limitations. For more detailed information on GAO's analysis and findings, visit the agency's web site at www.gao.gov.

International Energy Outlook, Energy Information Administration, April 2001.

EIA predicts in this annual report that worldwide **carbon dioxide emissions will increase approximately 40 percent by 2020**. The report also states that over the next twenty years natural gas use is expected to double and renewable energy use (including hydroelectricity) is expected to increase 53 percent. EIA attributes most of the increases in renewable energy use to large-scale hydroelectric projects in Asia. For more information visit the EIA website at www.eia.gov.

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ATTACHMENT A

NEW LEGISLATION OF INTEREST TO FEMP

HOUSE

Number	Short title	Date	Sponsor	Key Provisions	Status
<i>H.R.1575</i>	<i>Freedom from Unfair Energy Levy Act</i>	April 24	James Sensenbrenner (R/WI)	Amends <i>Internal Revenue Code of 1986</i> ; Suspends fuel taxes for 180-day period beginning on 30 th day after date of enactment; Repeals 1993 increases in motor fuel taxes including highway and aviation gasoline, diesel fuel, kerosene and aviation fuel; Provides full refunds to those who paid such taxes	Referred to the Committee on Ways and Means

SENATE

Number	Short Title	Date	Sponsor	Key Provisions	Status
<i>S.756</i>	<i>Growing Renewable Energy for Emerging Needs (GREEN) Act</i>	April 23	Charles Grassley (R/IA) <i>Renewable Energy and Energy Efficiency Caucus</i>	Amends <i>Internal Revenue Code of 1986</i> to extend credit for electricity produced from biomass until 2007	Referred to the Committee on Finance
<i>S.760</i>	<i>Clean Efficient Automobiles Resulting From Advanced Car Technologies (CLEAR ACT) Act of 2001</i>	April 24	Orrin Hatch (R/UT) <i>Committee on Finance</i>	Amends <i>Internal Revenue Code of 1986</i> ; Provides credit for qualified fuel cell, hybrid, and alternative fuel motor vehicles placed in service by taxpayer during taxable year; Offers credit increases for more efficient fuel cell motor vehicles; Lists tables for model year 2000 city fuel economy of passenger automobiles and light trucks; Defines "alternative fuel" as compressed natural gas, liquefied natural gas, liquefied petroleum gas, hydrogen, and any liquid containing at least 85 percent methanol by volume; Modifies credit for qualified electric vehicles; Provides credit for retail sale of alternative fuels as motor vehicle fuel and installation of alternative fueling stations.	Referred to the Committee on Finance
<i>S.764</i>	<i>No Short Title</i>	April 24	Dianne Feinstein (D/CA) <i>Committee on Energy and Natural Resources; Committee</i>	Directs FERC to impose just and reasonable load-differentiated demand rates or cost-of-service-based wholesale electric energy	Referred to the Committee on Energy and Natural

Number	Short Title	Date	Sponsor	Key Provisions	Status
			<i>on Appropriations, Subcommittee on Energy and Water Development</i>	<p>rates on sales by public utilities in Western energy market;</p> <p>Precludes DOE and FERC from ordering seller of electric energy or natural gas to sell without sufficient assurance (determined by FERC) that seller will be paid;</p> <p>Allows state public utility commission to prohibit any utility in commission's jurisdiction from making any sale to purchaser outside utility's service area if commission determines that it would impair utility's ability to meet demand in its service area;</p> <p>Directs FERC to promulgate regulation that requires sellers of natural gas in California to file statement with FERC disclosing commodity and transportation portions of sale price in bundled natural gas transactions;</p> <p>Directs Bonneville Power Administration to reduce its wholesale electric purchase needs in rate period beginning October 1, 2001</p>	Resources

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ATTACHMENT B

HEARINGS SCHEDULE

HOUSE – APPROPRIATIONS

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
May 2 – Subcommittee on Energy and Water Development (NEW)	Sonny Callahan (R/AL)	Hearing – Review of Department of Energy FY 2002 budget request	Secretary Abraham	10:00 a.m. Room 2362-B Rayburn Office Building
May 3 – Subcommittee on Veterans' Affairs, Housing and Urban Development, and Independent Agencies	James Walsh (R/NY)	Hearing – Review of National Aeronautic and Space Administration FY 2002 budget request	Administrator Goldin	9:30 a.m. and 1:30 p.m. Room 2359 Rayburn Office Building
May 3 – Subcommittee on Interior and Related Agencies (UPDATED)	Joe Skeen (R/NM)	Hearing – Department of Energy FY 2002 budget request – discussion expected to include energy efficiency and renewable energy	Secretary Abraham	10:00 a.m. Room B-308 Rayburn Office Building
May 3 – Subcommittee on Treasury, Postal Service, and General Government	Ernest Istook (R/OK)	Hearing – Review of Department of the Treasury's FY 2002 budget request	Secretary O'Neill	10:00 a.m. Room – TBA Rayburn Office Building
May 9 – Subcommittee on Veterans' Affairs, Housing and Urban Development, and Independent Agencies	James Walsh (R/NY)	Hearing – Review of the Environmental Protection Agency FY 2002 budget request	TBA	1:30 p.m. Room 2359 Rayburn Office Building
May 9 – Subcommittee on Treasury, Postal Service, and General Government	Ernest Istook (R/OK)	Hearing – Review of the General Service Administration FY 2002 budget request	TBA	10:00 a.m. Room 2359 Rayburn Office Building
May 10 – Subcommittee on Veterans' Affairs, Housing and Urban Development, and Independent Agencies	James Walsh (R/NY)	Hearing – Review of the Environmental Protection Agency FY 2002 budget request	TBA	9:30 a.m. and 1:30 p.m. Room 2359 Rayburn Office Building
May 10 – Subcommittee on Energy and Water Development	Sonny Callahan (R/AL)	Hearing – Selected DOE energy resource and science programs	Assistant Secretary for Energy Efficiency and Renewable Energy; Director, Office of Science; Director, Office of Nuclear Energy	10:00 a.m. Room 2362 Rayburn Office Building

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
May 10 – Subcommittee on Treasury, Postal Service, and General Government	Ernest Istook (R/OK)	Hearing – Office of Management and Budget	TBA	10:00 a.m. Room 144 Capitol Building
May 22 – Subcommittee on Labor, Health and Human Services, and Education	Ralph Regula (R/OH)	Hearing - Department of Health and Human Services FY 2002 budget request	Secretary Thompson	10:00 p.m. Room 2358 Rayburn Office Building
May 22 – Subcommittee on Labor, Health and Human Services, and Education	Ralph Regula (R/OH)	Hearing – Department of Labor FY 2002 budget request	Secretary Chao	2:00 p.m. Room 2358 Rayburn Office Building

HOUSE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
May 1 – Subcommittee on Energy and Air Quality (Committee on Energy and Commerce)	Joe Barton (R/TX)	Hearing Series – <i>H.R. __ – The Electricity Emergency Act of 2001</i>	TBA	1:00 p.m. Room 2123 Rayburn Office Building
May 2 – Subcommittee on Energy and Air Quality (Committee on Energy and Commerce) (NEW)	Joe Barton (R/TX)	Hearing Series – <i>H.R. __ – The Electricity Emergency Act of 2001</i>	TBA	10:00 a.m. Room 2123 Rayburn Office Building
May 2 – Subcommittee on Agriculture, Rural Development, and Food and Drug Administration (Committee on Agriculture)	Henry Bonilla (R/TX)	Hearing – Review of energy supply and demand issues affecting the agricultural sector of the U.S. economy; opportunities to help farmers and ranchers through production of new fuel sources such as ethanol and biodiesel	TBA	2:00 p.m. Room 1300 Longworth Office Building
May 3 – Subcommittee on Energy (Committee on Science) (NEW)	Roscoe Bartlett (R/MD)	Hearing – Energy Realities: Rates of Consumption, Energy Reserves, and Future Options	TBA	10:00 a.m. Room 2318 Rayburn Office Building
May 3 – Subcommittee on Military Installations (Committee on Armed Services) (NEW)	Jim Saxton (R/NJ)	Hearing Series – Continuation of the examination of the military housing privatization initiative	Randall Yim, Deputy Under Secretary (Installations); Paul Johnson, Deputy Assistant Secretary of the Army (Installations and Housing); Duncan Holaday, Acting Assistant	10:00 a.m. Room 2212 Rayburn Office Building

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
			Secretary of the Navy (Installations and Environment); Jimmy Dishner, Deputy Assistant Secretary of the Air Force (Installations)	

SENATE – APPROPRIATIONS

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>May 1</i> – Subcommittee on Energy and Water Development	Pete Domenici (R/NM)	<i>Hearing – Proposed FY 2002 budget estimate for DOE’s energy efficiency, renewable energy, science, and nuclear energy programs</i>	Bob Dixon, Deputy Assistant Secretary for Power Technologies	10:00 a.m. Room 124 Dirksen Office Building
<i>May 1</i> – Subcommittee on Commerce, Justice, State, and the Judiciary (<i>NEW</i>)	Judd Gregg (R/NH)	<i>Hearing – Proposed budget estimates for FY 2002 for Department of Commerce</i>	TBA	10:00 a.m. Room 146 Capitol
<i>May 2</i> – Subcommittee on Labor, Health and Human Services, and Education (<i>NEW</i>)	Arlen Specter (R/PA)	<i>Hearing – Proposed budget estimates for FY 2002 for Department of Labor</i>	TBA	9:30 a.m. Room 216 Hart Office Building
<i>May 2</i> – Subcommittee on Veterans’ Affairs, Housing and Urban Development, and Independent Agencies	Christopher Bond (R/MO)	<i>Budget Overview – proposed FY 2000 Budget estimates for the Department of Veterans’ Affairs</i>	TBA	10:00 a.m. Room 138 Dirksen Office Building
<i>May 8</i> – Subcommittee on Interior and Related Agencies	Conrad Burns (R/MT)	<i>Hearing – Proposed FY 2002 budget estimates for the Department of Energy</i>	TBA	10:00 a.m. Room 124 Dirksen Office Building
<i>May 9</i> – Subcommittee on Veterans’ Affairs, Housing and Urban Development, and Independent Agencies	Christopher Bond (R/MO)	<i>Hearing – Proposed FY 2002 budget estimates for the National Aeronautic and Space Administration</i>	TBA	10:00 a.m. Room 138 Dirksen Office Building
<i>June 13</i> – Subcommittee on Veterans’ Affairs, Housing and Urban Development, and Independent Agencies	Christopher Bond (R/MO)	<i>Hearing – Proposed FY 2002 budget estimates for the Environmental Protection Agency</i>	TBA	10:00 a.m. Room 138 Dirksen Office Building

SENATE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>May 1</i> – Committee on Commerce, Science, and Transportation (NEW)	John McCain (R/AZ)	<i>Hearing</i> – Examination of climate change issues	Senator Chuck Hagel (R/NE); others from government and the research community	9:30 a.m. Room 253 Russell Office Building
<i>May 2</i> – Committee on Environment and Public Works (NEW)	Robert Smith (R/NH)	<i>Hearing</i> – Examination of the science of global climate change and issues related to reducing net greenhouse gas emissions.	TBA	9:30 A.M. Room 628 Dirksen Office Building
<i>May 10</i> – Committee on Energy and Natural Resources (NEW)	Frank Murkowski (R/AK)	<i>Hearing</i> – Proposed budget request for FY 2002 for the Department of Energy	TBA	9:30 a.m. Room 366 Dirksen Office Building

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ATTACHMENT C

NEW TECHNOLOGIES

Technology	Manufacturer	Manufacturer's Claim	Contact
Lighting			
LED Signage	Exitronix	Energy efficient LED exit and directional signs; weatherproof housing	www.exitronix.com
Pendant compact fluorescent downlight	Kirlin Company	Highly efficient lighting with triple tubes and multi-watt-and-volt ballasts	www.light-link.com/kirlin
Lumalux standby sodium lamps	Sylvania	Back-up lights designed for quick restarting after power interruption	www.sylvania.com
Metalarc Supersaver 360W metal halide lamps	Sylvania	More efficient replacements for 400W metal halide without a ballast change; arc tube design is 11 percent more efficient than a standard 400W metal halide	www.sylvania.com
Fiber optic lighting system	Fiberstars, Incorporated	22 to 75 percent more efficient than standard light bulbs; more efficient than CFL; driven by metal halide lamps	www.fiberstars.com
Sensors			
Occupancy sensor	SensorSwitch, Incorporated	Passive audio sensors that listen for everything above background noise	www.sensorswitch.com
HVAC			
Water-cooled screw chillers	York International Corporation	New, smaller models for lighter use; automatically adjusts according to demand; highest coefficient of performance in its category	www.york.com
Commercial thermostats	White-Rodgers Division of Emerson Electric Company	Single model can be used for single-stage, multi-stage, and heat pump applications; seven day programming	www.white-rodgers.com

ATTACHMENT D

MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.
FEMP-sponsored events are highlighted in **red**.

ATLANTA REGION

DATE	EVENT	SPONSOR
May 4, 2001	Georgia's Growing Thirst Atlanta, GA	Georgia Conservancy
May 9-11, 2001	GasMart Power 2001 Tampa, FL	Duke Energy, NGI Intelligence Press
June 21-22, 2001	Fundamentals of Energy Management Memphis, TN	FEMP, Association of Energy Engineers
September 17-21, 2001	Fifth Biomass Conference of the Americas Orlando, FL	DOE, USDA, NREL, Natural Resources Canada
October 24-27	Excellence in Building 2001 Orlando, FL	Energy and Environmental Building Association

BOSTON REGION

DATE	EVENT	SPONSOR
June 6-8, 2001	Fundamentals of Buying and Selling Energy New York, NY	Association of Energy Engineers
July 16-19, 2001	The 2001 National Workshop on State Building Energy Codes Burlington, VT	DOE
July 24-27, 2001	Increasing Productivity Through Energy Efficiency Tarrytown, NY	American Council for an Energy Efficient Economy

CHICAGO REGION

DATE	EVENT	SPONSOR
June 3-6, 2001	Energy 2001: New Horizons—Solutions for the 21 st Century Kansas City, MO	FEMP, DOD, GSA
June 4, 2001	FEMAC Discussion Meeting Kansas City, MO	FEMP
June 19-22, 2001	17 th Annual International Fuel Ethanol Workshop and Trade Show St. Paul, MN	BBI International

DATE	EVENT	SPONSOR
August 27-27, 2001	Fundamentals in Lighting Efficiency Cleveland, OH	Association of Energy Engineers
August 29-30, 2001	Integrated Energy Efficiency Conference and Facilities Management and Maintenance Expo Cleveland, OH	Association of Energy Engineers

DENVER REGION

DATE	EVENT	SPONSOR
May 1-4, 2001	Industrial Energy Technology Conference Houston, TX	Texas A&M University's Energy Systems Laboratory
October 14-17, 2001	National Center for Photovoltaics Program Review Lakewood, CO	National Renewable Energy Laboratory, Sandia National Laboratory

PHILADELPHIA REGION

Date	Event	Sponsor
May 9-11, 2001	Ninth National Conference on Building Commissioning Cherry Hill, NJ	GPU Energy
May 13-16, 2001	7 th National Clean Cities Conference and Expo Philadelphia, PA	DOE's Office of Transportation Technologies and the Greater Philadelphia Clean Cities Program
May 14-18, 2001	Training Program for Energy Managers Atlantic City, NJ	Association of Energy Engineers
June 3-7, 2001	Windpower 2001 Washington, DC	American Wind Energy Association
June 18-20, 2001	National Conference of the American Public Power Association Washington, DC	American Public Power Association

SEATTLE REGION

DATE	EVENT	SPONSOR
May 7-8, 2001	Fundamentals in Lighting Efficiency San Diego, CA	Association of Energy Engineers
May 7-9, 2001	Fundamentals of Buying and Selling Energy San Diego, CA	Association of Energy Engineers
May 8, 2001	Workshop for Integrated Cooling Systems for Buildings	American Gas Cooling Center

DATE	EVENT	SPONSOR
	San Diego, CA	
May 9-10, 2001	West Coast Energy Management Congress San Diego, CA	Association of Energy Engineers
May 16-18, 2001	F-Cells Week 2001 Palm Springs, CA	International Quality and Productivity Center
June 11-15, 2001	Training Program for Energy Managers Anaheim, CA	Association of Energy Engineers
September 30- October 5, 2001	Photovoltaic Experience Conference Sacramento, CA	Solar Electric Power Association
December 10-12, 2001	World of Water Las Vegas, NV	Water World and Industrial Water World

INTERNATIONAL

DATE	EVENT	SPONSOR
May 9-10, 2001	Second International Combined Heat and Power Symposium Amsterdam, the Netherlands	DOE, EPA